

J135 U.S. PTO
09/149718
09/08/98

500	12	Subclass
Class	ISSUE CLASSIFICATION	



PATENT NUMBER

6717031



6717031

U.S. UTILITY PATENT APPLICATION

O.I.P.E. <i>Deborah</i> <i>11/2</i>	PATENT DATE <i>APR 06 2004</i>
SCANNED <i>11/2</i>	

SECTOR	CLASS <i>500</i>	SUBCLASS <i>12</i>	ART UNIT <i>1632</i>	EXAMINER <i>Crouch</i>
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FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)

ABANDONED

CPA

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
<i>500</i>	<i>12</i>	<i>500</i>	<i>3</i>	<i>18</i>			
INTERNATIONAL CLASSIFICATION		<i>435</i>	<i>6</i>	<i>7.1</i>			
<i>B01K</i>	<i>67/00</i>						
<i>B01N</i>	<i>33/00</i>						

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<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <i>11</i>	Figs. Drwg. <i>407</i>	Print Fig. <i>NONE</i>	Total Claims <i>56</i>	Print Claim for O.G. <i>1</i>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED <i>09-04-03</i>	
	DEBORAH CROUCH PRIMARY EXAMINER GROUP <i>1800 1630</i> <i>Deborah Crouch</i> <i>9/24/02</i> (Primary Examiner) (Date)			ISSUE FEE <i>W</i>	
Amount Due <i>\$1250.00</i>				Date Paid <i>12-8-03</i>	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<i>Deborah</i> <i>11/1/03</i> (Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER <i>5407</i>	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.					

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